

Converting Colors

$Yxy(14.0789, 0.1745, 0.1055)$

Have a look what the booklet for
Yxy(14.0789, 0.1745, 0.1055)
contains.

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Color

Yxy(14.0772, 0.1746, 0.1055)

Conversions

Conversions Part 1

Format	Color
Hex	454FFF
RGB	69, 79, 255
RGB Percent	27%, 31%, 100%
CMY	0.7291, 0.6902, 0.0002
CMYK	0.73, 0.69, 0.00, 0.00
HSL	237°, 100%, 64%
HSV	237°, 73%, 100%
XYZ	23.2974, 14.0772, 96.0585
YIQ	96.0740, -62.4560, 52.6160

Conversions

Conversions Part 2

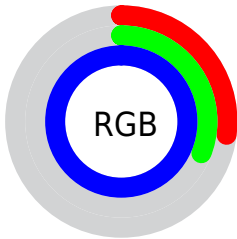
Format	Color
R _Y B	69, 78, 255
Decimal	4542463
CIE Lab	44.34, 52.81, -87.78
CIE LCh	44, 102.441, 301.035
Yxy	14.0772, 0.1746, 0.1055
Android (android.graphics.Color)	4282732543 (0xFF454FFF)
YUV	96.0740, 78.3505, -23.7439
Hunter-Lab	37.5196, 45.1786, -125.5319

Details

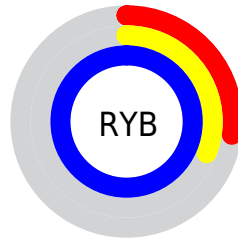
The Yxy color **14.0772, 0.1746, 0.1055** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **87.0003, 0.4154, 0.4821**, and the grayscale version is **11.5392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6713, 0.2261, 0.1749**, and **5.1189, 0.1540, 0.0742** is the 20% darker color. If you saturate the color by 10%, you get **10.4634, 0.1616, 0.0828**, and if you desaturate by 10%, it is **19.3547, 0.1918, 0.1346**.

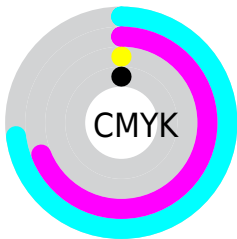
Distribution



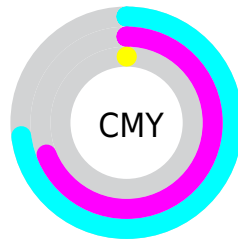
- Red (27%)
- Green (31%)
- Blue (100%)



- Red (27%)
- Yellow (31%)
- Blue (100%)



- Cyan (73%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)




- Cyan (73%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.0772, 0.1746, 0.1055 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 14.0772, 0.1746, 0.1055 by changing the saturation by 10% instead.


 14.0772, 0.1746,
0.1055


 14.0772, 0.1746,
0.1055


217.7106, 0.2497,
0.2077


 8.1744, 0.1563,
0.0856


 33.2259, 0.2020,
0.1388


 4.2067, 0.1341,
0.0637


 47.2407, 0.2124,
0.1526


 1.7899, 0.1072,
0.0408

 64.7281, 0.2212,
0.1647

 0.4808, 0.0758,
0.0173

 86.0727, 0.2286,
0.1754

 0.0000, 0.0415,
0.0000

 111.6589, 0.2350,
0.1849

 0.0000, 0.0000,
0.0000

141.8710, 0.2406,

0.1933

177.0934, 0.2455,
0.2009

■ 14.0772, 0.1746,
0.1055

■ 14.0772, 0.1746,
0.1055

■ 10.4634, 0.1616,
0.0828

■ 19.3547, 0.1918,
0.1346

■ 8.3128, 0.1536,
0.0680

■ 26.4633, 0.2118,
0.1677

■ 7.5211, 0.1506,
0.0623

■ 35.5509, 0.2330,
0.2023

■ 46.7503, 0.2540,
0.2361

■ 60.1823, 0.2739,
0.2679

■ 75.9591, 0.2921,
0.2967

■ 94.1850, 0.3084,
0.3222

■ 99.9971, 0.3127,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.0772, 0.0926, 0.0954



14.0772, 0.1746, 0.1055



14.0772, 0.3389, 0.1467

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.0772, 0.1746, 0.1055



14.0772, 0.6161, 0.3839



14.0772, 0.0897, 0.4238

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.0772, 0.1746, 0.1055



87.0003, 0.4154, 0.4821

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.0772, 0.1880, 0.7025



14.0772, 0.1746, 0.1055



14.0772, 0.4820, 0.5180

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.0772, 0.1746, 0.1055



14.0772, 0.6680, 0.2938



14.0772, 0.3248, 0.6752



14.0772, 0.0552, 0.1997

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.0772, 0.1746, 0.1055



14.0772, 0.4882, 0.1916



14.0772, 0.3248, 0.6752



14.0772, 0.1155, 0.5327

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.0775, 0.1746, 0.1055



61.5415, 0.2756, 0.2706



79.2037, 0.2358, 0.3438



12.3315, 0.2704, 0.2624



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.0775, 0.1746, 0.1055



9.4229, 0.1577, 0.0757



17.9302, 0.2225, 0.1220



17.5334, 0.2978, 0.3057



3.9945, 0.1509, 0.0632



0.4413, 0.1530, 0.0707

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.0810, 0.5532, 0.3223



22.5456, 0.6088, 0.3248



80.9671, 0.3536, 0.5267



18.0028, 0.3286, 0.3278



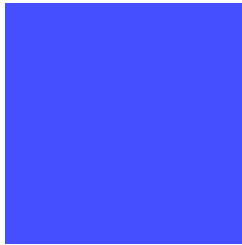
11.1312, 0.6347, 0.3270



1.0891, 0.6222, 0.3201

Previews

White Background



This preview shows how the Yxy color 14.0772, 0.1746, 0.1055 looks on a white background.

Color Contrast Check

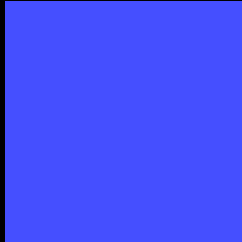
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 14.0772, 0.1746, 0.1055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

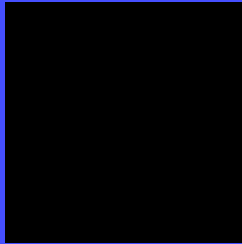
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.0772, 0.1746, 0.1055

Background



This preview shows how black text looks on a background with the Yxy color 14.0772, 0.1746, 0.1055.



This preview shows how white text looks on a background with the Yxy color 14.0772, 0.1746, 0.1055.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.0772, 0.1746, 0.1055

Protanopia

13.8175, 0.1744, 0.1477

Deuteranopia

13.8516, 0.1860, 0.1894

Trichromacy



Original Color

14.0772, 0.1746, 0.1055

Protanomaly

13.4070, 0.1710, 0.1267

Deuteranomaly

13.3101, 0.1769, 0.1466

Monochromacy



Original Color

14.0772, 0.1746, 0.1055

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.6239, 0.2335, 0.2037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0772, 0.1746, 0.1055 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(69, 79, 255)` looks like.

```
.text, #text, p{  
    color:rgb(69, 79, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(69, 79, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 79, 255) }
```

Border

The CSS property to change the border of an element to Yxy 14.0772, 0.1746, 0.1055 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(69, 79, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(69, 79, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(69, 79, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 79, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 79, 255);  
box-shadow:4px 4px 4px 4px rgb(69, 79,  
255) }
```

Background

The CSS property to change the background color of an element to Yxy 14.0772, 0.1746, 0.1055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 79, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(69, 79,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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